

Data Path : Z:\pestpcbsrv\HPCHEM1\FID_D\Data\FD061923AR\
 Data File : FD045891.D
 Signal(s) : FID2B.ch
 Acq On : 19 Jun 2023 22:33
 Operator : YP/AJ
 Sample : 03282-15MS
 Misc :
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 FID_D
 ClientSampleId :

Integration File: autoint1.e
 Quant Time: Jun 20 01:24:50 2023
 Quant Method : Z:\pestpcbsrv\HPCHEM1\FID_D\methods\Aromatic EPH 052723.M
 Quant Title : GC Extractables
 QLast Update : Sat May 27 06:44:25 2023
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal Phase : Rxi-1ms
 Signal Info : 20M x 0.18mm x 0.18µm

Compound	R.T.	Response	Conc Units

System Monitoring Compounds			
4) S 2-Bromonaphthalene (S...	7.524	8393745	46.558 ug/ml
Spiked Amount 50.000		Recovery =	93.12%
6) S 2-Fluorobiphenyl (SURR)	8.379	5052153	42.022 ug/ml
Spiked Amount 50.000 Range 0 - 131		Recovery =	84.04%
11) S ortho-Terphenyl (SURR)	11.417	6029099	26.992 ug/ml
Spiked Amount 50.000		Recovery =	53.98%
Target Compounds			
1) T 1,2,3-Trimethylbenzen...	4.335	6541575	32.404 ug/ml
2) T Naphthalene (C11.7)	5.862	7451005	35.164 ug/ml
3) T 2-Methylnaphthalene (...)	6.912	7514287	35.578 ug/ml
5) T Acenaphthylene (C15.06)	8.184	8145482	42.993 ug/ml
7) T Acenaphthene (C15.5)	8.480	8488629	41.985 ug/ml
8) T Fluorene (C16.55)	9.259	8428137	42.537 ug/ml
9) T Phenanthrene (C19.36)	10.649	8645601	45.191 ug/ml
10) T Anthracene (C19.43)	10.725	8504724	49.925 ug/ml
12) T Fluoranthene (C21.85)	12.455	8559771	46.332 ug/ml
13) T Pyrene (C20.8)	12.750	8483641	47.501 ug/ml
14) T Benzo[a]anthracene (C...	14.613	7621745	48.680 ug/ml
15) T Chrysene (C27.41)	14.658	7544947	45.732 ug/ml
16) T benzo[b]fluoranthene ...	16.156	7647960	50.532 ug/ml
17) T Bnezo[k]fluoranthene ...	16.192	7289791	47.086 ug/ml
18) T Benzo[a]pyrene (C31.34)	16.532	6794888	46.465 ug/ml
19) T Indeno[1,2,3-cd]pyren...	17.892	7419603	50.658 ug/ml
20) T Dibenz[a,h]anthracene...	17.933	7699372	51.323 ug/ml
21) T Benzo[g,h,i]perylene ...	18.147	7247424	49.117 ug/ml

(f)=RT Delta > 1/2 Window

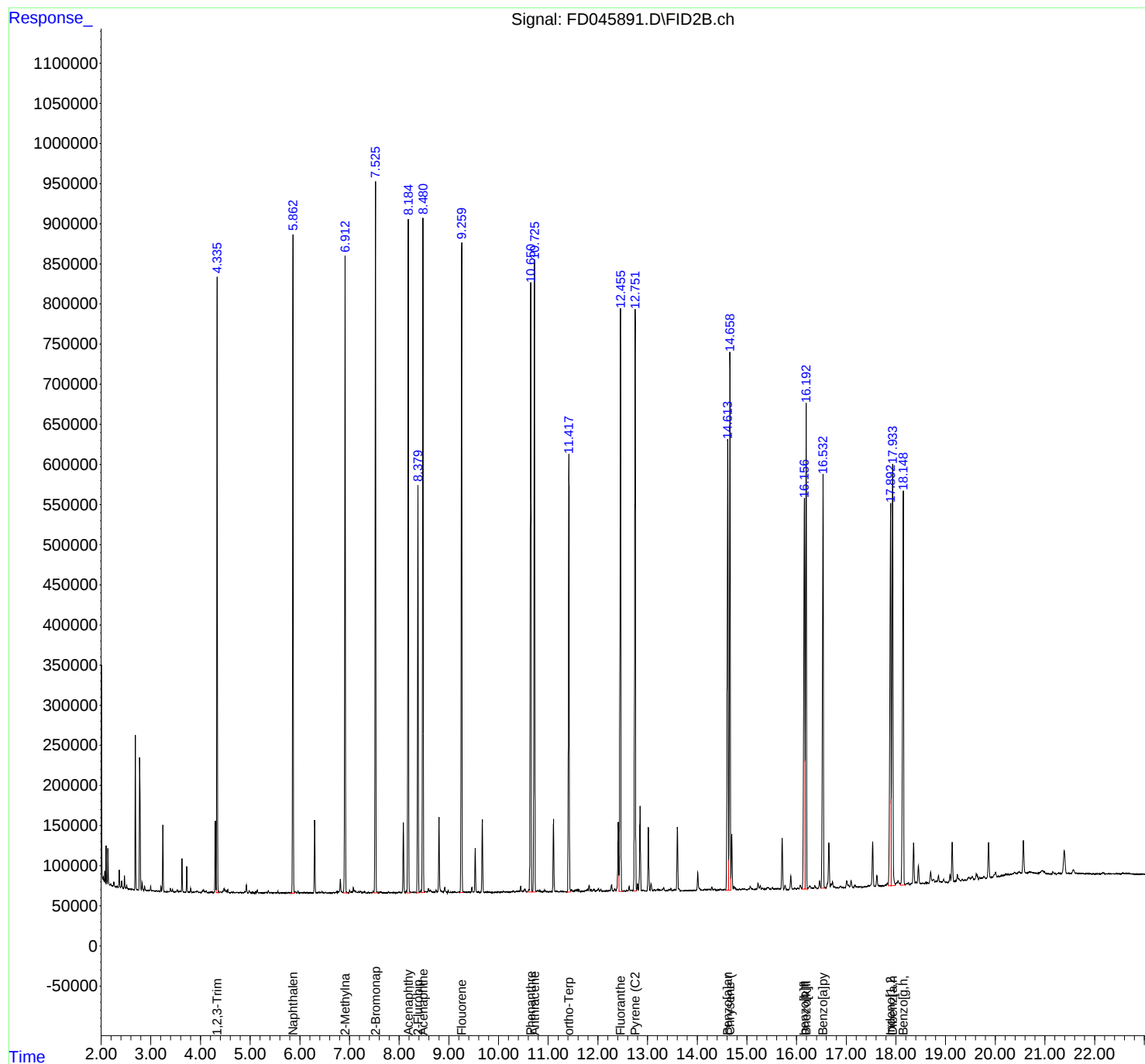
(m)=manual int.

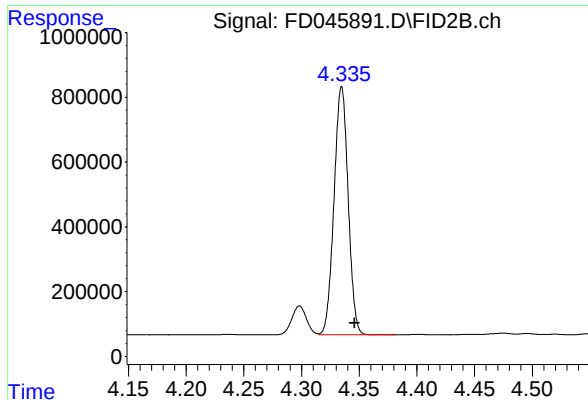
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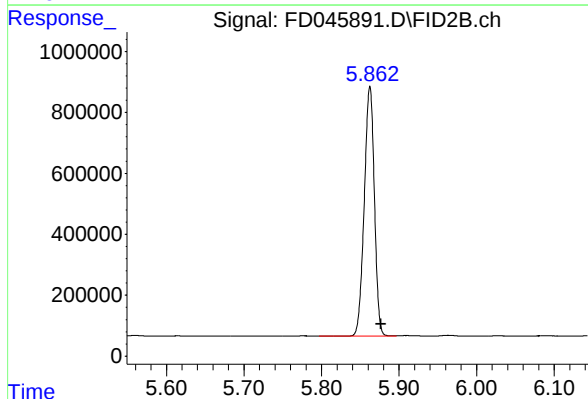




#1 1,2,3-Trimethylbenzene (C10.1)

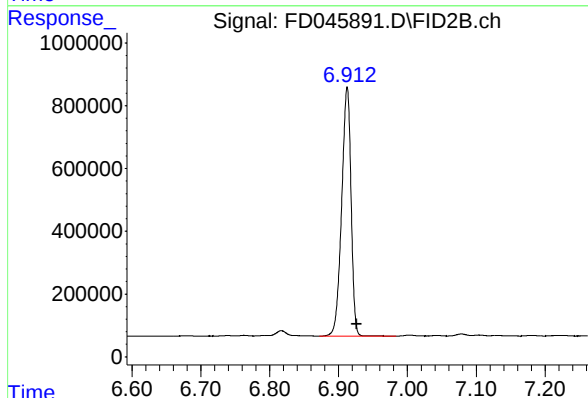
R.T.: 4.335 min
Delta R.T.: -0.011 min
Response: 6541575
Conc: 32.40 ug/ml

Instrument :
FID_D
ClientSampleId :



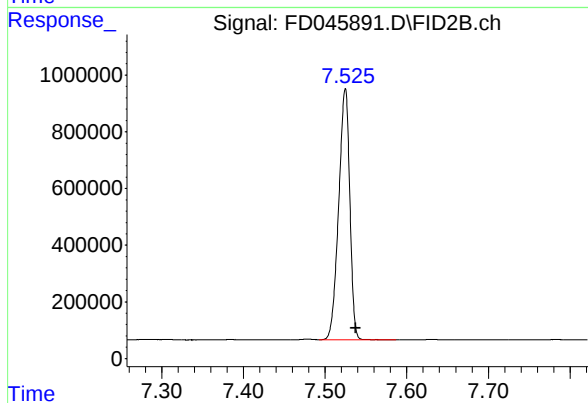
#2 Naphthalene (C11.7)

R.T.: 5.862 min
Delta R.T.: -0.014 min
Response: 7451005
Conc: 35.16 ug/ml



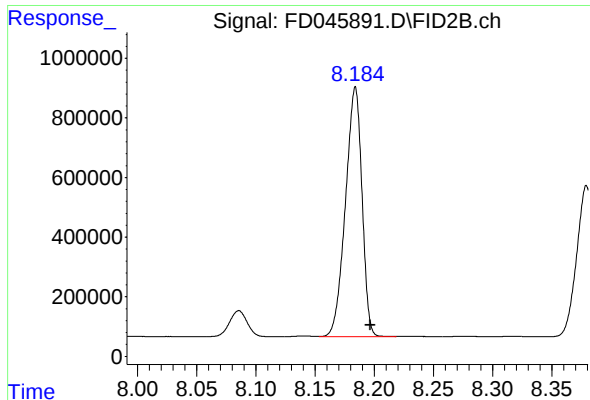
#3 2-Methylnaphthalene (C12.89)

R.T.: 6.912 min
Delta R.T.: -0.014 min
Response: 7514287
Conc: 35.58 ug/ml



#4 2-Bromonaphthalene (SURR)

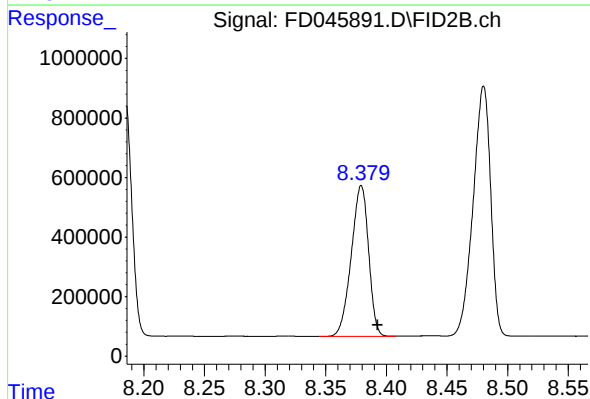
R.T.: 7.524 min
Delta R.T.: -0.013 min
Response: 8393745
Conc: 46.56 ug/ml



#5 Acenaphthylene (C15.06)

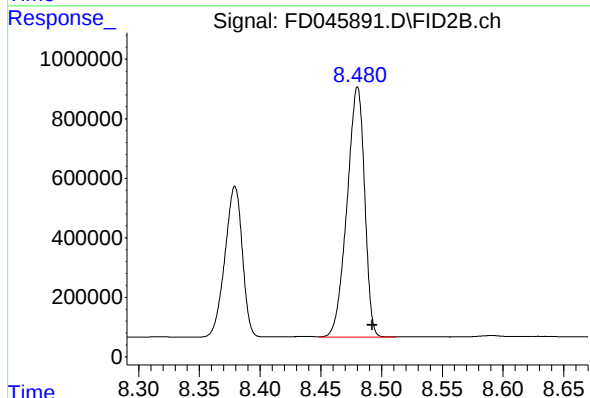
R.T.: 8.184 min
Delta R.T.: -0.013 min
Response: 8145482
Conc: 42.99 ug/ml

Instrument :
FID_D
ClientSampleId :



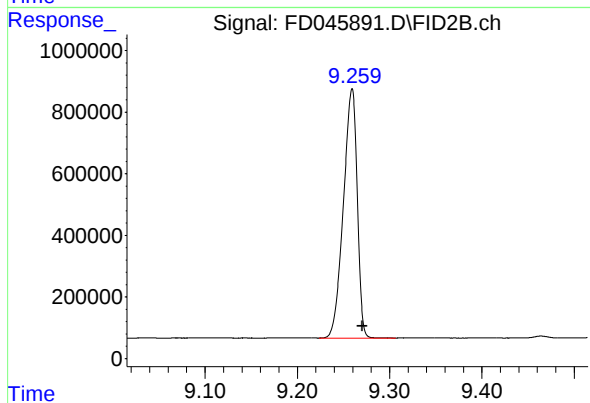
#6 2-Fluorobiphenyl (SURR)

R.T.: 8.379 min
Delta R.T.: -0.014 min
Response: 5052153
Conc: 42.02 ug/ml



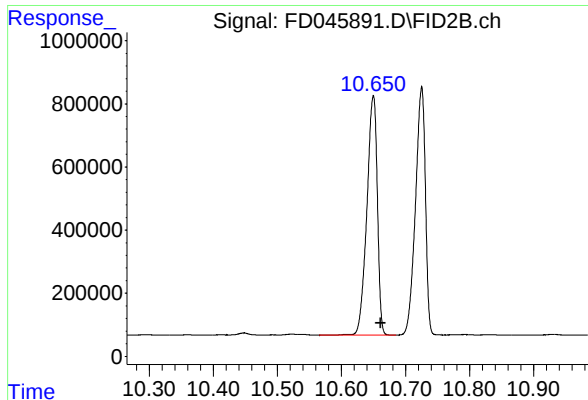
#7 Acenaphthene (C15.5)

R.T.: 8.480 min
Delta R.T.: -0.012 min
Response: 8488629
Conc: 41.99 ug/ml



#8 Flouorene (C16.55)

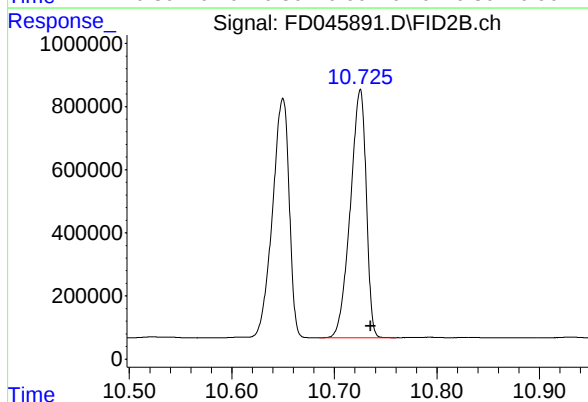
R.T.: 9.259 min
Delta R.T.: -0.012 min
Response: 8428137
Conc: 42.54 ug/ml



#9 Phenanthrene (C19.36)

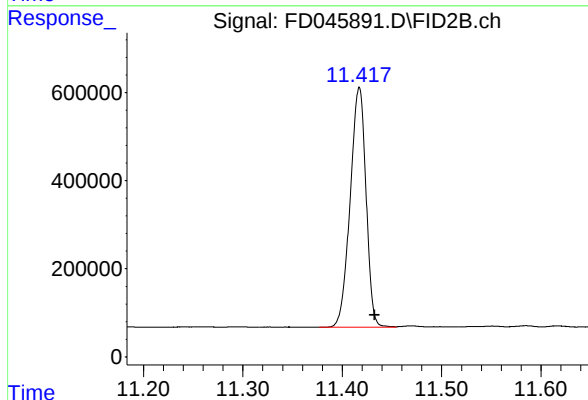
R.T.: 10.649 min
Delta R.T.: -0.012 min
Response: 8645601
Conc: 45.19 ug/ml

Instrument :
FID_D
ClientSampleId :



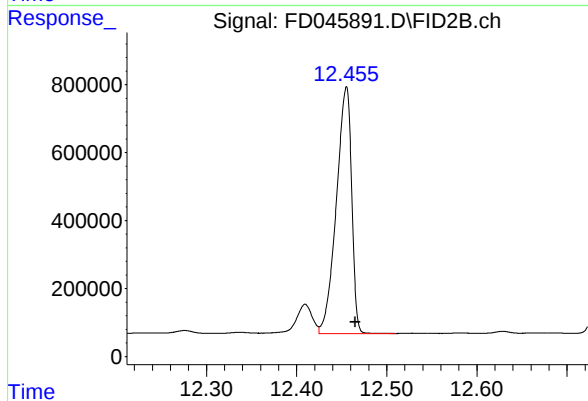
#10 Anthracene (C19.43)

R.T.: 10.725 min
Delta R.T.: -0.010 min
Response: 8504724
Conc: 49.93 ug/ml



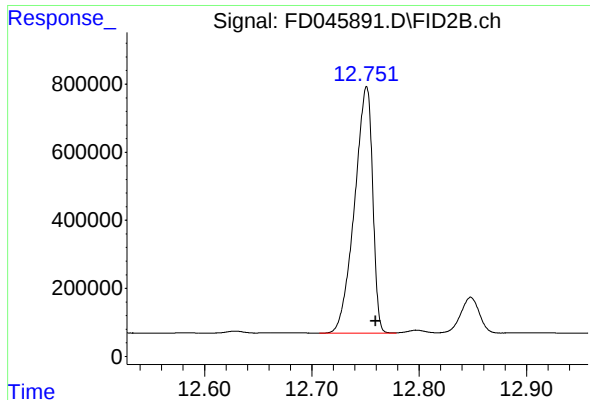
#11 ortho-Terphenyl (SURRE)

R.T.: 11.417 min
Delta R.T.: -0.016 min
Response: 6029099
Conc: 26.99 ug/ml



#12 Fluoranthene (C21.85)

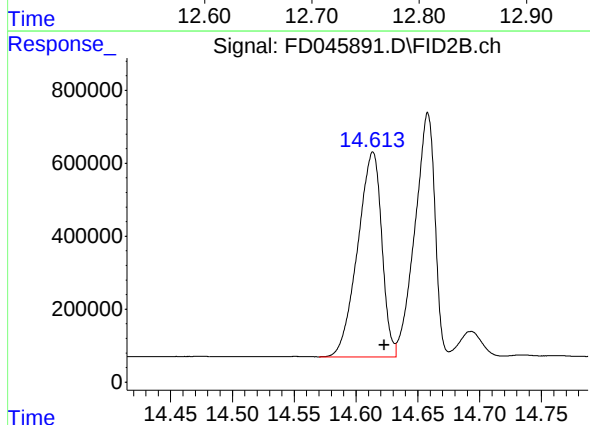
R.T.: 12.455 min
Delta R.T.: -0.010 min
Response: 8559771
Conc: 46.33 ug/ml



#13 Pyrene (C20.8)

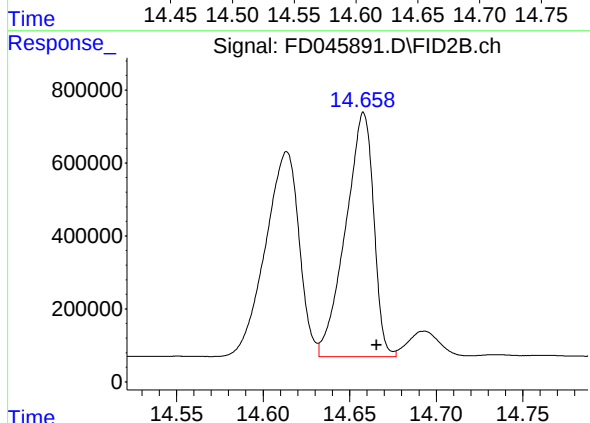
R.T.: 12.750 min
Delta R.T.: -0.009 min
Response: 8483641
Conc: 47.50 ug/ml

Instrument :
FID_D
ClientSampleId :



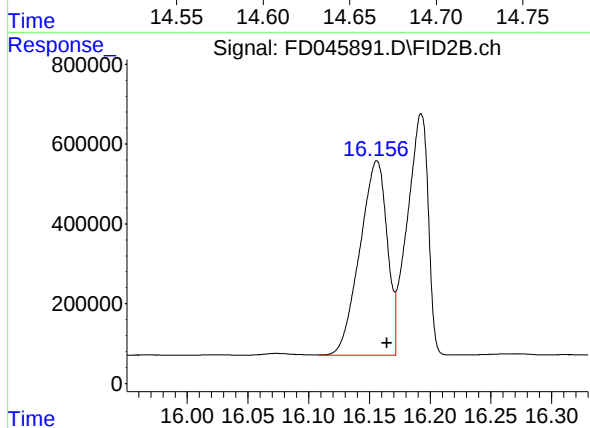
#14 Benzo[a]anthracene (C26.37)

R.T.: 14.613 min
Delta R.T.: -0.010 min
Response: 7621745
Conc: 48.68 ug/ml



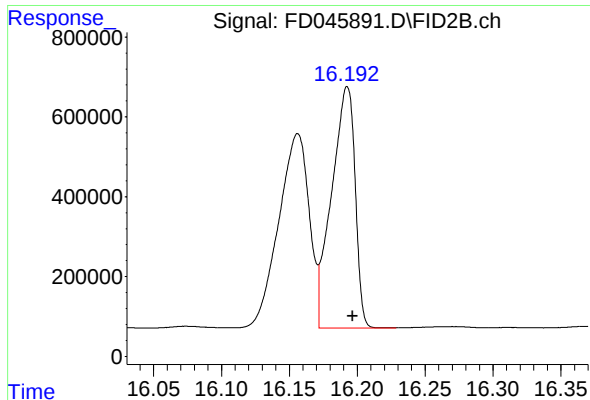
#15 Chrysene (C27.41)

R.T.: 14.658 min
Delta R.T.: -0.008 min
Response: 7544947
Conc: 45.73 ug/ml



#16 benzo[b]fluoranthene (C30.41)

R.T.: 16.156 min
Delta R.T.: -0.008 min
Response: 7647960
Conc: 50.53 ug/ml



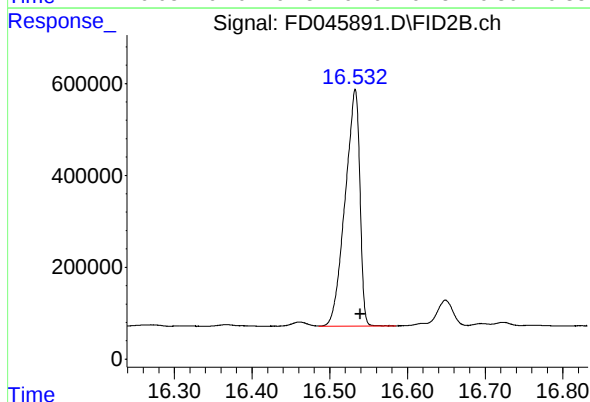
#17 Bnezo[k]fluoranthene (C30.14)

R.T.: 16.192 min
Delta R.T.: -0.005 min
Response: 7289791
Conc: 47.09 ug/ml

Instrument :

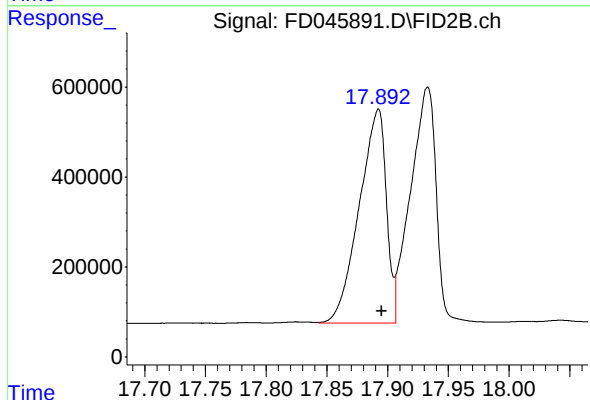
FID_D

ClientSampleId :



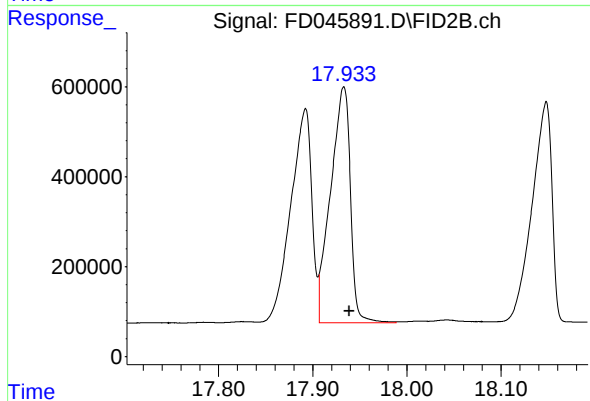
#18 Benzo[a]pyrene (C31.34)

R.T.: 16.532 min
Delta R.T.: -0.007 min
Response: 6794888
Conc: 46.46 ug/ml



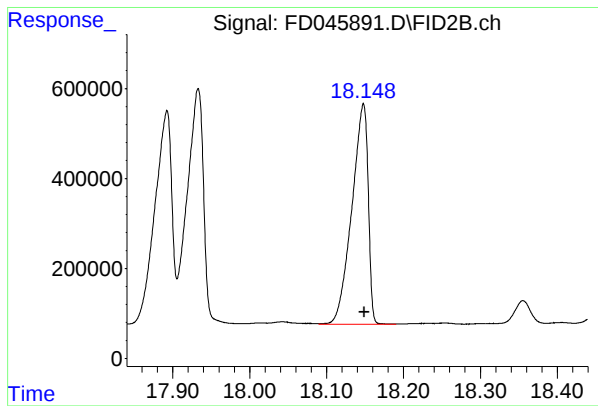
#19 Indeno[1,2,3-cd]pyrene (C35.01)

R.T.: 17.892 min
Delta R.T.: -0.003 min
Response: 7419603
Conc: 50.66 ug/ml



#20 Dibenz[a,h]anthracene (C30.36)

R.T.: 17.933 min
Delta R.T.: -0.007 min
Response: 7699372
Conc: 51.32 ug/ml



#21 Benzo[g,h,i]perylene (C34.01)

R.T.: 18.147 min
Delta R.T.: -0.002 min
Response: 7247424
Conc: 49.12 ug/ml

Instrument :
FID_D
ClientSampleId :